Hygrocybe aff singeri 2 iNat35294577 WA
Hygrocybe aff singeri 2 WA MP 3955120
Hygrocybe aff singeri 2 WA iNat99645870
KC581351 Hygrocybe aff singeri 2 (0/0 longer) Mary BC
Hygrocybe aff singeri 2 WA iNat100706361
Hygrocybe aff singeri 2 WA iNat 35829560
SVMFA145 Hygrocybe aff singeri 2 Vict BC SVIMS
MH062990 Hygrocybe cf singeri CA MO308280
Hygrocybe aff singeri 3 WA iNat34958210
Hygrocybe aff conica CA AY854074 (PBM 918)
Hygrocybe singeri TYPE OR NR 119897
KM248895 Hygrocybe cf singeri PQ
MN089502 Hygrocybe aff singeri 1 WA MO332755 clean
Hygrocybe aff singeri 4 OR iNat99226008
OM338016.1 Hygrocybe sp. conica group NBC
OM337990.1 Hygrocybe sp. conica group NBC (dirty)
Hygrocybe conica (1/many concepts) UK EU784298
Hygrocybe conica group CA iNat169808614
FM208862 Hygrocybe cf conica/conicoides EU 2
Hygrocybe nigrescens CA01 CA iNat105001975
Hygrocybe conica complex AK iNat5819621
Hygrocybe conica PNW22 Mary BC SKK
Hygrocybe conica PNW22 Mary BC KL
Hygrocybe nigrescens CA02 CA iNat147585608
MK991846 Hygrocybe acutoconica PNW05 OR JLF3707 iNat75506170
Hygrocybe acutoconica PNW05 CA Brian 380 bright (10.7x6.2u)
Hygrocybe acutoconica PNW05 CA iNat146789157
Hygrocybe cf cuspidata red VT Peter (7x4u) (so not cuspidata)
FM208871 Hygrocybe cf persistens 3 EU
JF908062 Hygrocybe cf persistens 1 EU
FM208852 Hygrocybe cf persistens 2 (group) EU
KF291161.1 Hygrocybe cf acutoconica f. japonica JP (3 californica)
H. acutoconica v microspora TYPE TN (type v TN/NE cuspidata ON californica CA) HQ179683
Hygrocybe acutoconica CA01 WA iNat34941274 (ITS2)
Hygrocybe acutoconica CA01 WA iNat (as 64776568) (albinellus also available)
Hygrocybe acutoconica CA01 WA iNat64776568
Hygrocybe acutoconica CA01 CA Brian 1082
Hygrocybe acutoconica CA01 CA iNat148999651
Hygrocybe acutoconica CA01 CA Brian 1081
MK629007 Hygrocybe acutoconica CA01 CA iNat19901233 (2/0 WA) (11.8x6.4u - cuspidata over californica)
Hygrocybe acutoconica CA01 CA Brian 381 (8.7x5u) (cuspidata not californica)
Hygrocybe cf minutula MA (1/0 PQ) (Peter 2083) iNat75529848
Hygrocybe cf minutula QC (type NY) KM248898
Hygrocybe PNW01 OR iNat124262030
OP538700.1 Hygrocybe PNW01 Switz
Hygrocybe fenestrata np WA MO353937 (short ITS)
EU784312.1 Hygrocybe glutinipes complex UK Lodge
EU784354.1 Hygrocybe glutinipes complex UK Lodge
EU784309.1 Hygrocybe glutinipes complex UK Lodge (type EU)
H. glutinipes var. rubra 2097 ENA Peter
Hygrocybe fenestrata np WA iNat64776561
iNat 67123356 Hygrocybe fenestrata np WA (3/ /4)
MN202588 Hygrocybe fenestrata np WA MO353937 (10-15 glutinipes)
Hygrocybe fenestrata np CA iNat147364615
Hygrocybe aff flavescens orange CA Peter 1088 US 5-jan-2021
Hygrocybe aff flavescens CA Peter 1084
Hygrocybe aff flavescens CA Peter 1074
Hygrocybe aff flavescens CA Peter 1088
Hygrocybe aff flavescens CA Peter 396
JF313716.1 Hygrocybe flavescens x Hygrocybe chlorophana voucher TENN61898 clone c8
MN604691.1 Hygrocybe flavescens MI MO 389226 (Alan proposed epitype)
Hygrocybe flavescens TN UNITE+Lodge (type MI) JF313703
Hygrocybe aff. flavescens 5-7/0 Drew Q35 (as Leptonia parva)
Hygrocybe chlorophana EU UNITE+Lodge+Kew FM208855
JF313718.1 Hygrocybe flavescens x Hygrocybe chlorophana voucher TENN61898 clone c6
JF313717.1 Hygrocybe flavescens x Hygrocybe chlorophana voucher TENN61898 clone c5
JF313719.1 Hygrocybe flavescens x Hygrocybe chlorophana voucher TENN61898 clone c7
Hygrocybe flavescens PNW06 (1/1) Alan30 iNat19680168 (=MO 308214 CA)
MN597445 Hygrocybe flavescens PNW06 MO 378035 WA
Hygrocybe flavescens PNW06 WA iNat 35923695
Hygrocybe flavescens PNW06 (2/2)(WA (MO 305807)
Hygrocybe flavescens PNW06 MS26 MF03918 (2/1)
Hygrocybe flavescens PNW06 (1/0) CA (MO 308214) MG926551
Hygrocybe flavescens PNW06 WA iNat 35727206 (7 flavescens)
Hygrocybe flavescens PNW06 Vancouver Mary BC (2/1) KC581328
EU784321.1 Hygrocybe intermedia Lodge+Kew UK (type EU)
Hygrocybe virescens WA iNat65517611 (redwood)
Hygrocybe virescens CA (under bay) MO 364422 MK818505
Hygrocybe virescens WA iNat100818887 (oak and red cedar)
Hygrocybe aurantiosplendens PNW12 WA (cleaner shorter) MO308871
OLY-MS0053 Hygrocybe aurantiosplendens PNW12 WA MO403516
Hygrocybe aurantiosplendens PNW12 WA (dirty longer) MO308871
Hygrocybe cf aurantiosplendens 3 Peter 388 (CA only)
Hygrocybe cf quieta UNITE EU 1/many UDB037476
EU784279 Hygrocybe cf aurantiosplendens Genbank+Lodge UK x2
EU784346 Hygrocybe cf quieta Lodge UK (type FR)
OP538728.1 Hygrocybe glacialis official EU
Hygrocybe glacialis WA iNat91474907 (red without black scales)
OP538707.1 Hygrocybe glacialis official EU
MN992173 Hygrocybe cf coccineocrenata PQ (type EU)
Hygrocybe turunda PNW03 WA iNat91473768
Hygrocybe turunda PNW03 WA iNat89251608
Hygrocybe turunda PNW03 OR iNat179618288
Hygrocybe turunda PNW03 WA iNat91865441
Hygrocybe cf cantharellus UNITE EU (type ENA) 1/many KF306333
FM208884 Hygrocybe cf lepida EU Lodge
Hygrocybe cf coccineocrenata EU Kew (UNITE turunda 2) FM208899
MN082022 H. cf coccineocrenata EU Kew (but that corrupted type = miniata)
Hygrocybe turunda EU Kew+UNITE 1 UDB036842
KF291173 Hygrocybe cantharellus ENA Lodge
KF291172 Hygrocybe cantharellus ENA Lodge
Hygrocybe cantharellus WA (1/2 Lodge ENA concept) (MO 329458)
MO 378020 Hygrocbye cantharellus 1/0/5 WA
OLY-MS0048 Hygrocbye cantharellus 1/0/5 WA iNat38205077
Hygrocybe cantharellus (w/ black scales) WA iNat91817417 (0/0/2 others)
Hygrocybe cantharellus WA (0/0) (MO 320749)
Hygrocybe cantharellus WA iNat91684945
Hygrocybe cantharellus WA iNat135974150
Hygrocybe cantharellus ID iNat178208446
Hygrocybe cantharellus iNat 35033686 WA
Hygrocybe cantharellus WA iNat92188662
Hygrocybe mucronella UK Lodge (Kew 1 in giant complex) EU784332
Hygrocybe mucronella PNW21 OR iNat147674583
Hygrocybe aff. mucronella TN FJ596923
Hygrocybe mucronella PNW13 (short) WA iNat63540458
Hygrocybe mucronella PNW13 WA iNat147905227
MK991859.1 Hygrocybe mucronella PNW13 OR JLF6272 iNat65313375
Hygrocybe mucronella PNW13 WA MK358147 MO344693
20878 Hygrocybe mucronella PNW13 (0/0-1) WA
iNat19053725 Hygrocybe constans (1/1 ITS1 allele1) SSound WA
Hygrocybe constans (4 in one spot/0/6) WA iNat 34443445 dirty
H. constans Mary BC KC581326 (1 ITS1 1 ITS2 alleles)
Hygrocybe constans 1/0 WA iNat 34941708
Hygrocybe constans NAMA 2014 WA MP3955108 (0/0 iNat34422979)
Hygrocybe constans (0/0 allele1) MP 3955108 (as Hydnellum)
Hygrocybe constans WA iNat100026658 (3/0 both alleles) (smooth no moss faded)
KM61153 KEW H. coccineocrenata TYPE UK (ITS2 only) (=miniata Kew says contaminated)
H. miniata UNITE EU 3 UDB011460 (Kew complex 2)
FM208867 H. miniata EU Kew 1+Lodge (0/0/1 ITS2 coccineocrenata TYPE)
Hygrocybe miniata UNITE EU (Lodge) FM208866 (Kew complex 2)
Hygrocybe constans (MinION but 3/0) WA iNat147729109
Hygrocybe constans allele 1 iNat 34959392 WA
iNat34422979 Hygrocybe constans (0/0-1 allele1) SSound WA
Hygrocybe constans WA iNat 34607324
FJ627028 H. constans Mary BC (1 ITS1 1 ITS2 3/1/700 post allele1)
H. constans WA (both alleles) MO 332754 (0/1 ITS1 2/0-1 ITS2 allele1)
Hygrocybe constans iNat62038604 WA
Hygrocybe constans OR iNat63536761 (yellow)
Hygrocybe constans (0/1 ITS1 1/0 ITS2 alleles) Boreal BC FJ553271
Hygrocybe constans (allele1) N. Vanc Isl. GQ159925
Hygrocybe constans OR iNat139482177
Hygrocybe constans WA iNat100562490
iNat34421837 H. constans allele2 (1 ITS1 1 ITS2 alleles) SSound WA
EU784351 Hygrocybe cf substrangulata outlier (but UK)
Hygrocybe substrangulata OR iNat178377366
Hygrocybe substrangulata Steve WA no photo (3/1/1 type)
iNat34505871 Hygrocybe substrangulata (2/3 from all) SSound WA
Hygrocybe substrangulata ID iNat178188382
Hygrocybe substrangulata OR iNat62530389 (1bp+chunk of 11 missing from other PNW)
Hygrocybe substrangulata (Janet dried) iNat62726729
KM155389 Hygrocybe substrangulata TYPE MATCH UK (to unpublished TYPE KM59515 ITS1)
Hygrocybe substrangulata UNITE EU 3 (3/1 1) UDB017666
Hygrocybe substrangulata UNITE EU 1 (type UK) UDB017640
Hygrocybe substrangulata UNITE EU 2 (1/1 1) UDB017666
HM020677.1 Hygrocybe miniata forma longipes ENA (Lodge)
Hygrocybe miniata f. longipes MI (type locale) GU174396
KM248887 H. cf squamulosa PQ (type NJ) (3/0/1 miniata f longipes Lodge)
Hygrocybe phaeococcinea OR iNat96294088 (no grass)
Hygrocybe phaeococcinea PNW02 WA iNat60783820 (1/0/3n)
Hygrocybe phaeococcinea PNW02 WA iNat96443931
Hygrocybe phaeococcinea PNW02 3 red WA MO 333513 MN089485 clean
20880 Hygrocybe phaeococcinea PNW02 Nfld (1/0/2 WA)
EU784337 Hygrocybe cf phaeococcinea 3 UK
EU784335 Hygrocybe cf phaeococcinea 1 UK (type Neth)
EU784336 Hygrocybe cf phaeococcinea 2 UK
Hygrocybe PA01 MN MO499433
Hygrocybe PA01 NY iNat15755789 (+ many more)
Hygrocybe PNW16 (as miniata) WA MP3955113
Hygrocybe PNW17 CA (Peter 392)
iNat64916933 Hygrocybe PNW17 WA
Hygrocybe PNW17 WA iNat100988602
EU784348 Hygrocybe reidii EU UNITE+Lodge+Kew
HM020689 Hygrocybe aff reidii 1 ENA
iNat19620791 Hygrocybe reidii (0/1-2) SSound WA
iNat30821644+MO378072 Hygrocybe reidii (0/0 19620791) SSound WA
HM020686 Hygrocybe aff reidii 2 ENA
Hygrocybe constrictospora PNW08 WA iNat62379485 (constricted spores too wide)
Hygrocybe constrictospora PNW08 WA iNat93490567
Hygrocybe constrictospora PNW08 WA iNat62920572
Hygrocybe constrictospora PNW08 WA (no photo) OP941387
Hygrocybe constrictospora PNW08 TN KY744189
Hygrocybe constrictospora PNW08 WA MO 336328 (as Gloioxanthomyces nitidus)
Hygrocybe constrictospora PNW09 WA iNat62914911 (3 constrictospora)
Hygrocybe constrictospora PNW09 WA iNat101115670
KF291115 Hygrocybe constrictospora EU (Kew+Lodge)
Hygrocybe PNW19 WA iNat66726712 (also in GA)
Hygrocybe PNW23 OR iNat147668416
Hygrocybe PNW23 CA iNat148052271
Hygrocybe PNW18 iNat64916935 WA
iNat19620764 Hygrocybe PNW18
EU784310.1 Hygrocybe cf ceracea (but not) EU Kew complex 2
Hygrocybe ceracea complex member EU JF908054
EU784289 Hygrocybe ceracea complex member UK
KF291108 Hygrocybe ceracea Lodge Ref (2/2-4 ITS1 0/1-1 ITS2 WA)
EU784323.1 Hygrocybe ceracea complex member (as marchii) UK
Hygrocybe ceracea iNat64775962 WA
Hygrocybe ceracea OR iNat102498692
Hygrocybe ceracea OR iNat147471327
MT636965 Hygrocybe ceracea WA MO 396312 (2/0-3/3 complex)
Hygrocybe ceracea (1/0/5) iNat65450070 WA
EU784328 Hygrocybe ceracea complex member (as miniata) UK
MN089489 Hygrocybe ceracea PNW07 but red WA MO 336258 clean
Hygrocybe ceracea PNW07 orange WA iNat37131594 (11/8 ceracea)
KM248888 Hygrocybe cf subceracea PQ (type FL)
Hygrocybe insipida Lodge+Kew 2 KF291185
EU784319 Hygrocybe insipida Lodge+Kew 2 UK
Hygrocybe PNW15 opposite WA MO374418
Hygrocybe PNW15 WA iNat130326840
Hygrocybe PNW15 opposite SteveNess SN01 (same loc as MO374418)
Hygrocybe PNW15 opposite WA iNat 43028599
Hygrocybe insipida (UNITE EU consensus + Kew 1) EU784287
Hygrocybe parvula WA (iNat48462090) (2/1 long indel)
Hygrocybe parvula WA (iNat52992844)
Hygrocybe parvula WA iNat54954986
Hygrocybe parvula (Renee) NY (type NY)
Hygrocybe parvula WA MO463347
Hygrocybe parvula Peter 454 NY (type NY)
KF291203 Hygrocybe cf subminutula UNITE TN (type FL)
Hygrocybe parvula PNW20 red chunk WA iNat65793794
Hygrocybe parvula PNW20 red chunk WA (iNat49738505)
Hygrocybe parvula PNW20 red chunk WA iNat133371302
Hygrocybe parvula PNW20 red chunk WA (type NY) (MO 320161) 0/0
MO336783 Hygrocybe parvula PNW20 red chunk WA 0/0
Hygrocybe parvula PNW20 red chunk WA MG196099 (0/0 others)
Hygrocybe parvula PNW20 red chunk WA iNat88459039
Hygrocybe parvula PNW20 red chunk WA iNat100876916
MF755287 Hygrocybe cf punicea ENAx3 (3)
H. punicea CA MO355741 Alan 4/1
Hygrocybe punicea EU UNITE+Kew FM208892
MH179100 H. punicea CA (4/1) iNat 9986701
Hygrocybe splendidissima UK UNITE (w/type in Kew) EU784441
Hygrocybe coccinea EU UNITE+Kew EU435146
KC801052.1 Hygrocybe coccinea EU Kew
Hygrocybe marchii PNW10 CA iNat1228820
KY646477.1 Hygrocybe marchii PNW10 MO 269206 CA
MN089497 Hygrocybe marchii PNW10 Kew (marchii unpublished) WA MO 306872 (=CAx4)
MN202589 Hygrocybe marchii PNW11 0/0 WA iNat21924511
Hygrocybe marchii PNW11 WA iNat 34941667 (0/1/7 + dirty)
MN089484.1 Hygrocybe marchii PNW11 WA MO 336249
Hygrocybe marchii PNW11 WA (=CA x3 Alan29) MO 336249 271222
Hygrocybe marchii PNW11 WA iNat65517606
Hygrocybe marchii PNW11 WA iNat94857986
iNat18942071 Hygrocybe marchii PNW11 (coccinea sensu auct amer) WA
Hygrocybe marchii PNW11 WA iNat65795492
Hygrocybe marchii PNW11 WA MO 308393
Hygrocybe PNW14 bitter slender WA iNat64914770
H. cf aurantiosplendens UNITE EU 1 (Kew ex Lodge) EU784278
Hygrocybe laetissima iNat37350761 WA
Hygrocybe laetissima WA iNat37405606
MH020188 Hygrocybe cf laetissima CA 2/2
Hygrophorus cf laetissima SSound WA (2/0-1 CA) MF60914 iNat40778953
MG827095 Hygrocybe cf laetissima CA
Hygrocybe cf laetissima WA iNat38869848
Hygrocybe flavifolia CA iNat105002545 (dirty spot at end) (LSU available) (genus unknown)
Hygrocybe flavifolia WA iNat107044560 (dirty spot at end) (genus unknown)
HYGROPHORUS PUSILLUS (OUTGROUP)
0.10